Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/074,770              | VAN DE MEULENHOF,<br>DENNIS             |
| Examiner                | Art Unit                                |

| √ | Rejected | _ | (7 |
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| = | Allowed  | + |    |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Ashok B. Patel

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| Cla                    | aim.     | Ι        | Date            |          |          |          |          |          |          |           | Cla   | Claim Date |            |                 |   |                    |   |   | CI              | aim        | Date     |              |       |          |          |          |          |   |                 |          |          |          |           |
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|                        | <u> </u> |          | So              |          |          |          |          |          |          |           |       |            | -R         |                 |   |                    | T   |   |                 | Т          |          |              |       | -        |          |          |          |   |                 |          |          |          |           |
| Final                  | Original | 8/15/05  |                 |          |          |          |          |          |          |           |       | Final      | Original   |                 |   |                    |   |   |                 | - 1        |          |              | Final | Original |          |          |          |   |                 |          |          |          |           |
| 证                      | ij       | 3/15     |                 |          |          |          |          |          |          |           |       | 造          | ] <u>E</u> |                 |   |                    |   |   | 1               | - 1        |          |              | 這     | rig      |          |          |          |   |                 |          |          |          |           |
|                        | O        | 8        |                 |          |          |          |          |          |          | ı         |       |            | ١٥         |                 |   |                    |   |   |                 | - 1        | - 1      |              |       | O        |          |          | - 1      |   |                 |          |          |          |           |
|                        | 1        | 1        |                 |          |          |          |          |          |          | $\neg$    |       |            | 51         | П               | 7   | $\top$             |   | 1   |                 | $\neg$     | ヿ        |              |       | 101      |          |          |          |   |                 |          |          | Î        |           |
|                        | 2        | 1        |                 |          |          |          |          |          |          | $\neg$    |       |            | 52         | Ì               |   |                    | T   | 1-  | П               | $\neg$     | ヿ        |              |       | 102      | П        |          |          |   |                 |          | T        |          |           |
|                        | 3        | 1        |                 |          |          |          |          |          |          | _         |       |            | 53         | m               |   |                    |   | 1   |                 | T          | ╗        |              |       | 103      |          |          | $\neg$   |   |                 |          |          | -        |           |
|                        | 4        | 1        |                 |          |          |          |          |          |          |           |       |            | 54         |                 |   | $\neg$             |   | ✝   | П               | ヿ          | $\neg$   |              |       | 104      |          |          |          |   |                 |          |          |          |           |
|                        | 5        | 1        |                 |          |          |          |          | П        |          | ┪         |       |            | 55         | $\vdash$        | _   | 1                  | 1   | 1   | H               | 1          | ┪        |              |       | 105      | 1        |          | 一        |   |                 |          |          |          |           |
|                        | 6        | 1        | $\dashv$        | $\neg$   | $\neg$   | $\neg$   |          |          | $\dashv$ | ┪         |       |            | 56         |                 | 一十  | 十                  | +   | +-  |                 | $\neg$     | ⊣        |              |       | 106      | $\dashv$ | 7        | ┪        |   |                 |          | 7        |          | _         |
|                        | 7        | 1        | $\exists$       |          |          |          |          |          | T        | ┪         |       |            | 57         | H               | _   | $\top$             | +   | 1   |                 | 十          | $\dashv$ |              | -     | 107      |          | _        | $\dashv$ |   |                 |          | _        |          | $\exists$ |
|                        | 8        | H        | -               |          |          |          |          | -        |          | $\neg$    |       |            | 58         | 1               |   |                    | +-  | +   | Н               | $\dashv$   | ᅱ        |              |       | 108      | $\vdash$ | $\neg$   | $\neg$   |   |                 |          | $\dashv$ | T        | $\dashv$  |
|                        | 9        |          | $\neg$          | _        |          |          | _        | $\vdash$ | $\dashv$ | ⊣         |       |            | 59         |                 | _   | _                  | _   | +-  | $\vdash$        | +          | ┪        |              |       | 109      | $\vdash$ |          | _        |   |                 | $\neg$   | $\dashv$ | _        |           |
| $\vdash \vdash$        | 10       | $\vdash$ | $\vdash$        |          | -        | $\dashv$ |          | $\vdash$ | $\dashv$ | $\dashv$  |       | —          | 60         |                 | $\dashv$  | +                  | +   | +   | $\vdash$        | $\dashv$   | $\dashv$ | <b>     </b> |       | 110      | $\vdash$ | -        | $\neg$   | - | $\vdash \vdash$ |          | 寸        | -        | $\dashv$  |
| $\vdash$               | 11       |          | $\vdash$        | _        | -        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$  |       | _          | 61         | $\vdash$        | $\dashv$  | +                  | +   | +   | $\vdash$        | $\dashv$   | $\dashv$ |              |       | 111      | $\vdash$ | -+       |          |   |                 |          | $\dashv$ | -        | $\dashv$  |
| $\vdash$               | 12       | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$  |       |            | 62         | $\vdash$        | $\dashv$  | +                  | +-  | +   | $\vdash$        | $\dashv$   | $\dashv$ |              |       | 112      | $\vdash$ | ᅥ        | $\dashv$ | - | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$  |
|                        | 13       |          | $\vdash$        | -        | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$  |       |            | 63         | -               | $\dashv$  | +                  | ╁   | ╁   | $\vdash \vdash$ | -+         | $\dashv$ |              |       | 113      | Н        | -        | $\dashv$ |   | $\dashv$        | $\dashv$ | $\dashv$ |          | $\dashv$  |
| $\vdash$               | 14       | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$  |       |            | 64         | $\vdash$        | $\dashv$  | +                  | +   | ╁   | $\vdash$        | $\dashv$   | $\dashv$ |              |       | 114      | $\vdash$ |          | -        |   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| <b></b>                | 15       | $\vdash$ | $\vdash$        | _        | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  |       |            | 65         | $\vdash$        | $\dashv$  | +                  | +   | +   | $\vdash$        | +          | $\dashv$ | ⊪            |       | 115      |          |          |          | _ | $\dashv$        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$               | 16       | $\vdash$ | $\vdash$        | -        | -        |          | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  |       |            | 66         | $\vdash$        | $\dashv$  | +                  | +   | +   | $\vdash$        | $\dashv$   | $\dashv$ |              |       | 116      | $\vdash$ | -        |          | - | $\dashv$        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$               | 17       | $\vdash$ | $\vdash \vdash$ |          |          |          |          | $\vdash$ | $\dashv$ | $\dashv$  |       |            | 67         | $\vdash$        | $\dashv$  | +                  | +   | ╁   | $\vdash \vdash$ | $\dashv$   | -        |              |       | 117      | $\vdash$ | $\dashv$ |          |   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ         |
|                        |          | _        | $\dashv$        | _        | $\dashv$ | $\dashv$ | _        | -        |          |           |       |            |            | $\vdash$        | $\dashv$  | +                  | +-  | +   | $\vdash$        | -          | $\dashv$ |              |       |          | $\vdash$ | $\dashv$ | _        |   | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| -                      | 18       | _        |                 |          |          |          |          |          |          | $\dashv$  |       |            | 68         | -               |   | -                  | -   | -   | ├               | $\dashv$   |          |              |       | 118      | $\vdash$ | -        | -        |   | Н               |          |          |          | 4         |
| Ь——                    | 19       | _        |                 | _        | 4        | _        | _        |          |          |           |       |            | 69         | $\vdash$        |   |                    |   | ₩   | $\vdash$        | -          | _        |              |       | 119      | $\vdash$ | $\dashv$ |          |   | $\vdash$        | $\dashv$ | _        | $\dashv$ |           |
| $\vdash$               | 20       |          |                 | _        | _        | _        | _        |          | _        | _         |       |            | 70         | $\square$       | _   | -                  |   | ┼   |                 |            |          |              |       | 120      | $\dashv$ | _        | -        |   |                 |          |          | -        | 4         |
|                        | 21       |          |                 | _        | _        |          |          |          |          | _         |       |            | 71         | Ш               | -   | $\perp$            | _   | ↓_  | $\vdash$        |            | _        |              |       | 121      | $\dashv$ | -        | _        |   | $\dashv$        |          |          | _        | _         |
|                        | 22       | _        | $\Box$          | _        |          |          | _        | -        | _        |           |       |            | 72         | $\sqcup$        | -   | _                  | 4_  | ــــــ  | $\vdash$        | _          | _        |              |       | 122      | -        |          | _        |   |                 |          | _        |          | _         |
|                        | 23       |          |                 | _        | $\Box$   |          |          |          |          |           |       |            | 73         | Ш               | _   |                    | 4   | ╄   | Ш               | 4          | _        |              |       | 123      |          | _        | _        |   |                 |          | 4        | _        | _         |
|                        | 24       |          |                 |          | _        |          | _        |          | _        |           |       |            | 74         | Ш               | _   | _                  | 4   | $\perp$   | $\sqcup$        | 4          | _        |              |       | 124      |          | _        | _        |   | $\blacksquare$  |          | _        | _        |           |
|                        | 25       |          |                 | _        | _        |          |          | $\Box$   |          |           |       |            | 75         | Ш               |   | $\perp$            | $\bot$  | ↓_  | $\sqcup$        | 4          | _        |              |       | 125      |          | _        |          |   |                 |          | 4        | _        |           |
|                        | 26       |          |                 | _        | _        |          |          |          |          |           |       |            | 76         |                 |   | $\perp$            | _   |   | $\sqcup$        | _          | _        |              |       | 126      |          |          |          |   |                 |          | _        | _        |           |
|                        | 27       |          |                 | _        |          |          |          |          |          | ᆜ         |       |            | 77         | Ш               |   | _                  |   | ↓_  | Ш               | 4          | _        |              |       | 127      |          | _        | _        |   |                 | $\Box$   | _        | _        | $\perp$   |
|                        | 28       |          |                 |          |          |          |          |          |          | _         |       |            | 78         | Ш               |   |                    |   | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш               | $\perp$    |          |              |       | 128      |          |          |          |   |                 |          |          | _        | _         |
|                        | 29       |          |                 |          |          | ·        |          |          |          |           |       |            | 79         |                 |   | $\perp$            |   |   |                 |            |          |              |       | 129      |          |          |          |   | $\Box$          |          |          |          | $\sqcup$  |
|                        | 30       |          |                 |          |          |          |          |          |          |           |       |            | 80         |                 |   |                    |   |   |                 |            |          |              |       | 130      |          |          |          |   |                 |          |          |          |           |
|                        | 31       |          |                 |          |          |          |          |          |          |           |       |            | 81         |                 | $\Box$  |                    |   |   |                 | $_{\perp}$ |          |              |       | 131      |          | $\Box$   | ]        |   |                 |          |          |          |           |
|                        | 32       |          |                 |          |          |          |          |          |          |           |       |            | 82         |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                    | $\perp$   |   | $\Box$          | $\Box$     |          |              |       | 132      |          |          |          |   |                 |          |          |          |           |
|                        | 33       |          |                 |          |          |          |          |          |          |           |       |            | 83         |                 |   |                    |   |   | $\Box$          |            |          |              |       | 133      |          |          |          |   |                 |          |          |          |           |
|                        | 34       |          |                 |          |          |          |          |          |          |           |       |            | 84         |                 | $\int$  | $oxed{T}$          | $oldsymbol{\mathbb{L}}$                           |   |                 |            |          |              |       | 134      |          |          |          |   |                 |          |          |          |           |
|                        | 35       |          |                 |          |          |          |          |          |          |           |       |            | 85         |                 |   | $oxed{\mathbb{I}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |   |                 | $\Box$     |          |              |       | 135      |          |          |          |   |                 |          | $\Box$   | $\Box$   | ┚         |
|                        | 36       |          |                 |          |          |          |          |          |          |           |       |            | 86         |                 | $_{	extsf{T}}$                                    |                    |   |   |                 |            |          |              |       | 136      |          | T        |          |   |                 |          |          | $\Box$   |           |
|                        | 37       |          |                 |          |          |          |          |          |          |           |       |            | 87         |                 |   |                    | Ι   |   |                 |            |          |              |       | 137      |          |          |          |   |                 |          |          |          |           |
|                        | 38       |          |                 |          |          |          |          |          |          |           |       |            | 88         |                 |   | $\Box$             | Ι   |   |                 |            |          |              |       | 138      |          |          |          |   |                 |          |          |          |           |
|                        | 39       |          |                 |          |          |          |          |          |          |           |       |            | 89         |                 | $\Box$  |                    | Т   |   |                 | T          |          |              |       | 139      |          |          |          |   |                 |          |          |          | $\Box$    |
|                        | 40       |          | П               |          |          |          |          |          |          |           |       |            | 90         |                 | $\neg$  |                    |   |   | П               | $\top$     |          |              |       | 140      | П        | $\neg$   |          |   |                 |          |          | T        |           |
|                        | 41       |          |                 |          |          |          |          |          |          |           |       |            | 91         |                 | $\neg$  |                    | T   | 1   | $\Box$          | $\neg$     |          |              |       | 141      | П        | $\neg$   |          |   | П               |          |          | ヿ        | $\neg$    |
|                        | 42       | П        |                 |          |          |          |          |          |          |           |       |            | 92         |                 | $\neg$  | 7                  | 1   | 1   | П               | $\neg$     |          |              |       | 142      |          | $\neg$   |          |   |                 |          | $\neg$   | ᅥ        | $\neg$    |
|                        | 43       |          |                 |          | $\neg$   |          | $\neg$   |          |          |           |       |            | 93         |                 | $\dashv$  | $\dashv$           | $\top$  | †   | 口               | $\dashv$   |          |              | -     | 143      |          |          |          |   | П               |          |          | $\neg$   | $\neg$    |
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|                        | 45       | П        | $\Box$          | $\neg$   | _        |          | $\dashv$ |          | $\dashv$ | $\exists$ |       |            | 95         | П               | $\dashv$  | +                  | $\top$  | †   | $\Box$          | $\dashv$   |          |              |       | 145      | $\vdash$ | $\neg$   | 一        |   | Н               | $\neg$   |          | $\dashv$ | $\dashv$  |
|                        | 46       |          | $\vdash$        | _        | $\dashv$ | $\neg$   |          |          |          | $\dashv$  |       |            | 96         | Н               | $\dashv$  | +                  | $\top$  | +   | H               | $\dashv$   | $\neg$   |              |       | 146      | $\vdash$ | $\dashv$ | $\neg$   |   | Н               | $\dashv$ | -        | $\dashv$ | $\dashv$  |
|                        | 47       |          | -               |          | -        | $\neg$   |          |          | -        | $\dashv$  |       |            | 97         |                 | $\dashv$  | 十                  | $\top$  | $\dagger$   | $\vdash$        | +          |          |              |       | 147      | $\dashv$ | ᅱ        | _        |   | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| $\vdash \vdash \vdash$ | 48       | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$  |       |            | 98         | Н               | 十   | 十                  | +   | +   | $\vdash$        | $\dashv$   | ᅱ        |              |       | 148      | $\vdash$ |          | -        |   | $\vdash$        | $\dashv$ | $\vdash$ |          | ᅱ         |
| $\vdash \vdash \vdash$ | 49       | $\vdash$ | $\vdash$        |          | $\dashv$ | $\dashv$ |          |          | -        | $\dashv$  |       | _          | 99         | H               | $\dashv$  | +                  | +-  | +   | $\vdash$        | $\dashv$   | $\dashv$ |              |       | 149      |          | $\dashv$ | -        |   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash \vdash$        | 50       | <u> </u> | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | _        |          | $\dashv$ | $\dashv$  |       |            | 100        | $\vdash \vdash$ | $\dashv$  | +                  | +   | +   | $\vdash$        | -+         | $\dashv$ |              |       | 150      | $\vdash$ | $\dashv$ | -        |   | $\dashv$        | $\dashv$ | $\dashv$ |          | $\dashv$  |
|                        | 70       |          |                 |          |          |          |          |          |          |           | ::::: |            | טטון       |                 | l   |                    | 1   |   |                 | i_         |          | :::::[       |       | 130      | 1        | !        |          |   |                 |          |          | I        | - 1       |